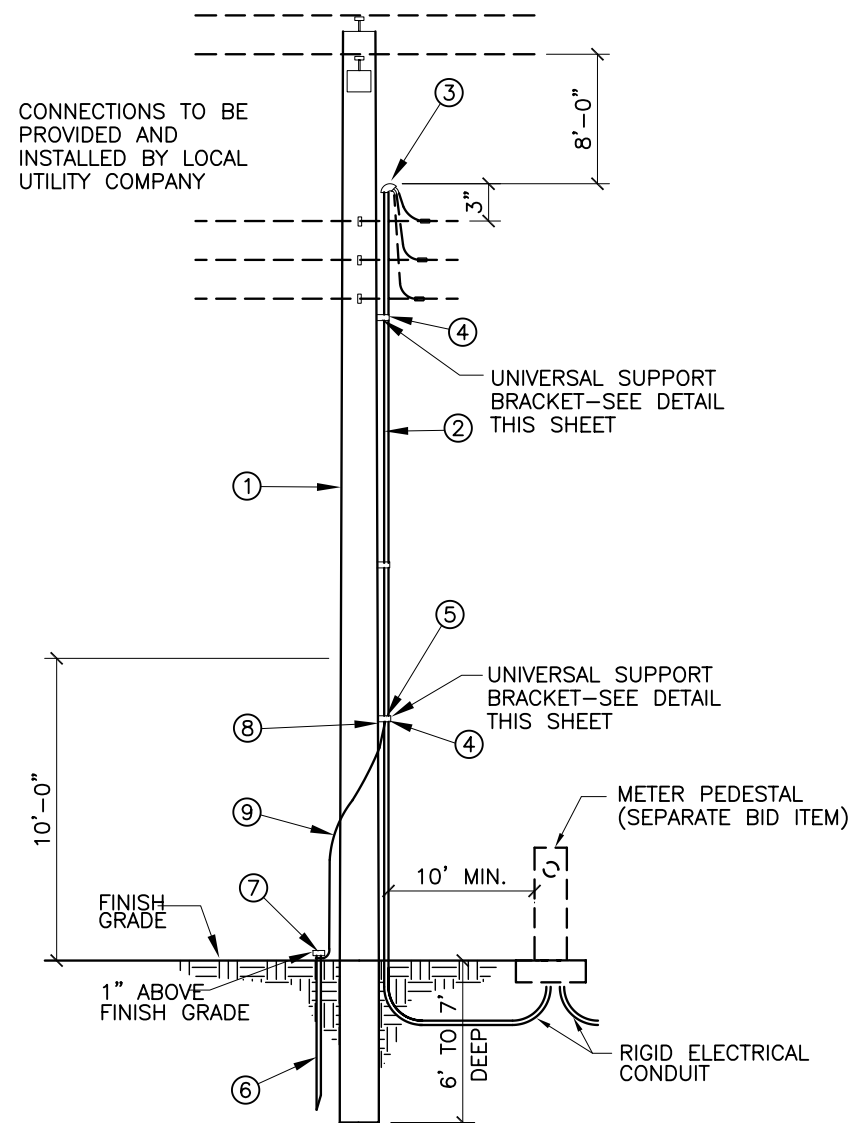


MATERIAL LIST

- ① 1 25' TREATED POLE
- ② 30' 2" GALVANIZED CONDUIT
- ③ 1 2" WEATHER HEAD
- ④ 2 UNIVERSAL SUPPORT BRACKET
- ⑤ 2 2" PIPE STRAP KIT
- ⑥ 1 COPPER WELD 3/4"x10'-0" GROUND ROD
- ⑦ 1 GROUND ROD CLAMP
- ⑧ 1 GROUND LUG
- ⑨ 10' #6 BARE COPPER GROUND WIRE
- ⑩ 1 5/8" EYE BOLT
40' 1/C #2 THW BLACK
40' 1/C #2 THW WHITE
40' 1/C #2 THW RED

SERVICE POLE (SIGNAL)

* CONDUIT AND WIRE EXTENDING MORE THAN 10' FROM POLE WILL BE MEASURED AND PAID PER ACTUAL FOOTAGE USED.

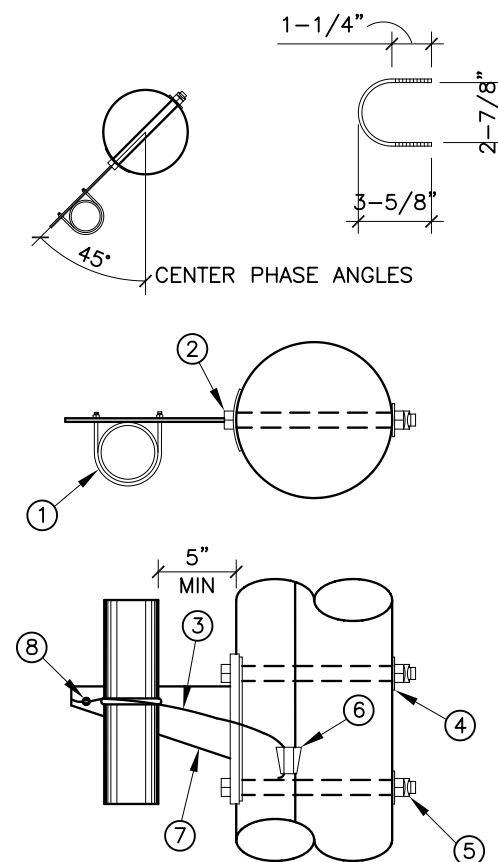


MATERIAL LIST

- ① 1 EXISTING POLE
- ② 40' 2" GALVANIZED CONDUIT
- ③ 1 2" WEATHER HEAD
- ④ 2 UNIVERSAL SUPPORT BRACKET
- ⑤ 2 2" PIPE STRAP KIT
- ⑥ 1 COPPER WELD 3/4"x10'-0" GROUND ROD
- ⑦ 1 GROUND ROD CLAMP
- ⑧ 1 GROUND LUG
- ⑨ 10' #6 BARE COPPER GROUND WIRE
50' 1/C #2 THW BLACK
50' 1/C #2 THW WHITE
50' 1/C #2 THW WHITE

SERVICE RISER (SIGNAL)

* CONDUIT AND WIRE EXTENDING MORE THAN 10' FROM POLE WILL BE MEASURED AND PAID PER ACTUAL FOOTAGE USED



UNIVERSAL SUPPORT BRACKETS

MATERIAL LIST

- ① 1 U BOLT
- ② 2 5/8" MACHINE BOLTS
- ③ 3' #4 SOLID COPPER WIRE
- ④ 2 2-1/4" SQUARE WASHER
- ⑤ 2 5/8" MF LOCK NUT
- ⑥ 1 LINE TAP
- ⑦ 1 SUPPORT BRACKET
- ⑧ 1 GROUNDING LUG

UNIVERSAL SUPPORT BRACKETS NOTES:

1. BRACKET TO BE FASTENED TO POLE WITH 5/8" GALVANIZED MACHINE BOLTS.
2. BRACKET SUITABLE FOR TWO 2" CONDUITS.
3. TWO HOLE STRAPS ATTACHED AT 30" INTERVALS WITH 2" LAG SCREWS MAY BE USED INSTEAD OF THE SUPPORT BRACKET WHEN THE CONDUIT IS 1" OR LESS. A MAXIMUM OF TWO CONDUITS MAY BE STRAPPED DIRECTLY TO THE POLE.

SIGNAL SERVICE NOTES

1. ALL SIGNAL SERVICE DETAILS, MATERIALS, & INSTALLATION SHALL CONFORM TO THE LOCAL POWER COMPANY REQUIREMENTS.
2. CONTACT LOCAL POWER COMPANY CUSTOMER SERVICES FOR POLE QUADRANT FOR RISERS.
3. ALL ABOVE GRADE CONDUIT SHALL BE GALVANIZED.
4. RISER BRACKET ASSEMBLY MUST BE GROUNDED PER LOCAL POWER COMPANY REQUIREMENTS.
5. CONDUIT AND WIRE EXTENDING MORE THEN 10' FROM POLE WILL BE MEASURED AND PAID PER ACTUAL FOOTAGE USED.
6. UNIVERSAL SUPPORT BRACKETS WILL BE CONSIDERED INCIDENTAL.
7. DRILLING HOLES IN EXISTING STEEL POLES FOR UNIVERSAL SUPPORT BRACKETS WILL NOT BE PERMITTED. BRACKETS SHALL BE MOUNTED ON STEEL POLES WITH STAINLESS STEEL BANDS.
8. PROVIDE ONE 50A, SINGLE POLE, 120V CIRCUIT FOR CONTROLLER SIGNALS.

REVISIONS	CITY OF ALBUQUERQUE
	<p>TRAFFIC</p> <p>TRAFFIC SIGNAL</p> <p>ELECTRICAL SERVICE DETAILS</p> <p>DWG. 2570</p> <p>JANUARY 2003</p>